

SWITCHING VOLTAGE REGULATOR FOR SWITCH
MODE POWER SUPPLY WITH PLANAR TRANSFORMER

ABSTRACT OF THE DISCLOSURE

A power supply has an output circuit for a secondary stage of a converter that switches on and off a switching device such that the output voltage of the converter is regulated across a capacitor without use of an inductor in the output circuit. For example, the switching device is a semiconductor field effect transistor controlled by a comparator. The output circuit may be used with a switch mode power supply comprising a coreless, planar isolation transformer.